

Claim 1 is directed to a frame kit IC card that includes a frame, a first panel and a second panel. Claim 1 recites that the frame is fabricated from an injection molding material. Also, claim 1 recites that the first panel is integrated with the frame and has a first locking member which includes a portion that is embedded and held in the frame.

It is respectfully submitted that the rejection is improper because the applied art fails to teach each element of claim 1. Specifically, the applied art fails to teach a frame fabricated from an injection molding material and a first panel that is integrated with the frame and has a first locking member which includes a portion that is embedded and held in the frame. As a result, claim 1 is allowable over the applied art.

Also, similar to claim 1, claim 25 includes a frame body fabricated from an injection molding material. Claim 25 also recites that the panel member that is integrated with the frame body and has a first locking member which includes a portion that is embedded and held in the frame body.

It is respectfully submitted that the rejection is improper because the applied art fails to teach each element of claim 25. Particularly, the applied art fails to teach a frame body fabricated from an injection molding material and a panel member that is integrated with the frame body and has a first locking member which includes a portion that is embedded and held in the frame body. As a result, claim 25 is allowable over the applied art.

Claims 2-6 and 21 depend from claim 1 and include all the features of claim 1. Claims 26-30 depend from claim 25 and include all of the features of claim 25. Therefore, the dependent claims are allowable at least for the reasons the independent claims are allowable as well as for the features they recite.

Claim 6 has been previously canceled and therefore the rejection is no longer applicable to claim 6.

Withdrawal of the rejection is respectfully requested.

The Office Action rejects claims 11-18 and 22-24 under 35 U.S.C. §103(a) as being anticipated over Cox et al. The rejection is respectfully traversed.

Like claim 1, claim 11 is directed to an IC card that includes a frame, a first panel and a second panel. Claim 11 recites that the frame is fabricated from an injection molding material. Also, claim 11 recites that the first panel is integrated with and embedded into the frame.

It is respectfully submitted that the applied art fails to teach or suggest a frame which is fabricated from an injection molding material and a first panel which is integrated with and embedded into the frame. It is respectfully submitted that one of ordinary skill in the art would not be motivated to modify the features of the applied art is the devoid of the features recited in claim 11. Thus, claim 11 is allowable over the applied art.

Claims 12-18 and 22-24 depend from claim 11 and include all of the features of claim 11. Therefore, the dependent claims are allowable at least for the reasons the independent claim is allowable as well as for the features they recite.

Withdrawal of the rejection is respectfully requested.

The Office Action rejects claims 9, 10, 19 and 20 under 35 U.S.C. §103(a) as being anticipated over Cox et al. in view of Feldman et al. (U.S. Patent No. 5,548,483).

The rejection is respectfully traversed.


Claims 9 and 10 depend from claim 1 and include all of the features of claim 1. Claims 19 and 20 depend from claim 11 and include all of the features of claim 11. It is respectfully submitted that for at least the reasons the independent claims are allowable, the dependent claims are also allowable as well as for the features the recite.

Withdrawal of the rejection is respectfully requested.

In view of the foregoing, reconsideration of the application and allowance of the pending claims are respectfully requested. Should the Examiner believe anything further is desirable in order to place the application in even better condition for allowance, the Examiner is invited to contact Applicants' representative at the telephone number listed below.

Please charge any fee deficiency or credit any over payment to Deposit Account
No.18-0013.

Respectfully submitted,

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Enclosures: Marked-Up Version of Amended Claims

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MARKED-UP VERSION OF AMENDED CLAIMS

1. (Twice Amended) A frame kit for an IC card, comprising:
 - a frame [for] fabricated from an injection molding material and defining an internal space of an IC card;
 - a first panel integrated with the frame and having a first locking member which includes a portion that is [implanted] embedded and held in the frame, where a front end of the first locking member projects out from the implanted portion toward the internal space from an inner wall of the frame; and
 - a second panel having a second locking member which is engageable with the first locking member of the first panel inside the frame.
3. (Twice Amended) The frame kit according to claim 1, wherein [one of] either the first locking member [and] or the second locking member has a locking claw, and [another] a remaining one of the first locking member and the second locking member has an engaging hole with which the locking claw is engaged.
11. (Twice Amended) An IC card comprising:
 - a frame [for] fabricated from an injection molding material and defining an internal space of an IC card;
 - a first panel integrated with and embedded into the frame and having a first locking member which projects toward the internal space from an inner wall of the frame;
 - a second panel having a second locking member which is engageable with the first locking member of the first panel inside the frame, said second locking member comprising a guiding portion that extends obliquely toward the internal space; and
 - a circuit board assembly constructed by mounting a connector on the circuit board, the circuit board assembly being contained between the first panel and the second panel.

13. (Twice Amended) The IC card according to claim 11, wherein [one of] either the first locking member [and] or the second locking member has a locking claw, and [another] a remaining one of the first locking member and the second locking member has an engaging hole with which the locking claw is engaged.

23. (Amended) The frame kit according to claim 3, wherein the remaining one of the first or second locking members includes a guiding portion [is disposed on said locking member having an] disposed forwardly of said engaging hole, [and] the guiding portion extends obliquely toward the internal space to guide said [locking claw toward said] engaging hole towards the locking claw.

24. (Amended) The IC card according to claim 13, wherein [said] the remaining one of the first or second locking members includes a guiding portion [is disposed on said locking member having an] disposed forwardly of said engaging hole, and guides said [locking claw toward said] engaging hole towards said locking claw.

25. (Amended) A frame for an IC card, comprising:
a frame body [for] fabricated from an injection molding material and
defining an internal space; and

an panel integrated with the frame body and having a first locking member which includes a portion that is [implanted] embedded and held in the frame body, where a front end of the first locking members projects out from the implanted portion toward the internal space from an inner wall of the frame body.